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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/044,630	01/11/2002	Michael A. Keresman III	PRA 2 0011	8623

7590 12/14/2004

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP  
Seventh Floor  
1100 Superior Avenue  
Cleveland, OH 44114-2518

EXAMINER
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SHERR, CRISTINA O

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 12/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/044,630

Applicant(s)

KERESMAN ET AL.

Examiner

Cristina Owen Sherr

Art Unit

3621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 11 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date January 11, 2002.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. This communication is in response to the application filed January 11, 2002.

Claims 1-25 have been examined.

#### ***Information Disclosure Statement***

2. The information disclosure statement (IDS) submitted on January 11, 2002 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the examiner is considering the information disclosure statement.

#### ***Specification***

3. The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

#### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 21-25 are rejected under 35 U.S.C. 102(b) as being anticipated by Ballantyne (US 5,867,821).
6. Regarding claim 21 –
- Ballantyne discloses a code dispensing device comprising: storage means for storing a set of codes; signaling means for signaling the dispensing device to dispense one of the

Art Unit: 3621

codes from the set upon each activation of the signaling means; and, display means for displaying the dispensed codes (e.g. col 8 ln 2-16, 15-40, 43-53).

7. Regarding claim 22 –

Ballantyne discloses the code-dispensing device according to claim 21, further comprising: (e.g. col 8 ln 15-40).

8. Regarding claim 23 –

Ballantyne discloses the power source for powering the dispensing device according to claim 22, wherein said power source includes a photoelectric device (e.g. col 8 ln 40-53).

9. Regarding claim 24 –

Ballantyne discloses the code dispensing device according to claim 21, further comprising: indicator means for indicating to a user of the dispensing device an amount of undispensed codes remaining in the storage means (e.g. col 52-60).

10. Regarding claim 25 –

Ballantyne discloses the code-dispensing device according to claim 21, wherein each code is only dispensed once (e.g. col 8 ln 45-55).

### ***Claim Rejections - 35 USC § 103***

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 3621

12. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kobylevsky (US 2002/0052762) in view of Muftic (US 5,943,423).

13. Regarding claims 1, 10 and 15 –

Kobylevsky discloses a token for conducting commercial transactions comprising: a power source; a unique set of predetermined random numbers; software for selecting and dispensing an unused number from the set of random numbers; a memory for storing the software and the set of random numbers, wherein the set of random numbers is identical to a set of numbers stored in an external authentication system; a display device for displaying the dispensed random number; and, a plurality of buttons wherein each button is assigned a unique account identifier number representing a type of account for conducting a commercial transaction, wherein each selection of a button causes the software to select and dispense a previously unused number from the set of random numbers and display the dispensed number and the unique account identifier in the display device (e.g. 0018, 0068, 0070).

14. Kobylevsky does not disclose, but Muftic does, registering and authentication (e.g. col 17, ln 30-34, col 10, ln 30-36, 54-57,).

15. Regarding claims 2-9, 11-14, and 16-20 –

Muftic discloses a token for conducting commercial transactions wherein the token becomes inoperable when the unique set of random numbers becomes exhausted; further including a communications port, wherein the token may be reprogrammed via the communications port with a new set of random numbers by an external system when the unique set of random numbers becomes exhausted; further including 1 to N

Art Unit: 3621

predetermined polynomial transformation equations, wherein the 1 to N predetermined polynomial transformation equations operate on each random number to provide 1 to N additional numbers for each of the predetermined random numbers; further including a magnetic transducer, wherein the software is configured to cause the magnetic transducer to generate magnetic pulses according to the selected button for emulating the conventional magnetic strip of a standard credit/debit card and, wherein the magnetic pulses represent one of the dispensed random number with the unique account identifier and predetermined credit/debit card identification numbers programmed for each of the buttons; further including a PIN number, wherein the software is configured to request a user to enter the predetermined PIN number each time the token is activated, and wherein the software is configured to not dispense a random number until the correct PIN number has been entered; according to claim 6, wherein the PIN number is entered by selecting the appropriate buttons, and wherein there are sufficient buttons to represent each digit of the PIN number; further including a keypad, wherein the PIN number is entered by selecting appropriate keys on the keypad; wherein the power source includes at least one of a battery and a solar cell, and wherein the solar cell may optionally generate sufficient power from interior lighting (e.g. col 4 ln 6-16, col 10 ln 11-16, 30-35, 50-55).

16. It would have been obvious to one of ordinary skill in the art to add Muftic authentication to Kobylevsky's token system in order that commercial transactions be conducted with greater security.

Art Unit: 3621

17. Examiner's note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may be applied as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention as well as the context of the passage as taught by the prior art or disclosed by the examiner.

### ***Conclusion***

18. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

19. Hill (US 6,236,981) discloses a transaction system.


20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cristina Owen Sherr whose telephone number is 703-305-0625. The examiner can normally be reached on 8:30-5:00 Monday through Friday.

21. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 703-305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3621

22. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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JAMES P. TRAXLER  
SUPERVISORY PATENT EXAMINER  
TECHNICAL CENTER, 1000